

DXpedition News

VK0 - Heard Island, will be QRV from January 13-27, 1997. Heard Island was rated the third most wanted



country in the 1995 survey. In order to help DXers to determine the best bands to use for contacting the team, an extensive radio beacon system will be used. A switchable automatic beacon will run 24 hours a day, switching over 20-17-15-12 and 10 meters continuously, giving its callsign and tones at 100, 10, 1 and .1 watts. This beacon will run from the ship using an R7 antenna. Another will run on 160 at night and 10 during the day. Due to the harsh environment of

Edited by Paul Smith AE4AP

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Heard, shelters of the same type as used by the Peter I DXpedition will be used. The tentative schedule for the trip is as follows:

Jan 3	Depart Reunion Island
Jan 8-9	Crozet
Jan 12	Arrive on Heard Island
Jan 13-27	Operations from Heard Island
Jan 28	Depart Heard Island
Jan 30	Kerguelen
Feb 5	Return to Reunion Island

The budget for this operation is over U.S. \$320,000 - making it one of the most expensive DXpeditions to date. The team is currently made up of twenty excellent international operators. The stations will consist of five full legal power HF stations, one

October 11, 1996

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barefoot HF station, and a VHF/UHF autotracking satellite station. A partial listing of equipment includes:

	Description	Qty	Description	Qty
Radios	FT900/AT	3	FT1000MP	3
	ETO Alpha 91B	3		
Antennas	153CD 15 Meter Monobander	3	203CD 20 Meter Monobander	3
	402CD 40 Meter Monobander	3	A3S Multiband Yagi 10-15-20	4
	A3WS Multiband Yagi 30-17-12	4	R7 Multiband Vertical	2
	ON4UN 80 Meter Vertical	2	ON4UN 160 Meter Vertical	2

J6 - St. Lucia The Southwest Ohio DX Association will be QRV from St. Lucia as **J6DX** November 23-24 during CQ WW CW. Outside the contest window they will be using their personal calls from November 19 - December 1. The operators are WB8ENR/**J68AE**, WD8IXE /**J68AG**, AC0S/**J68AH**, W8QID/**J68AK**, K9BQL/**J68AR**, N9AG/**J68AS**, and W9UI/**J68ER**. QSL J6DX via N9AG, and each operator via his home call.

JT - Mongolia Mike Reagan NI7T will be in Ulaan Baatar, Mongolia for the next month. Mike is QRV on 160-10 meters from 0000 UTC until 1200 UTC whenever possible as **JT1FBT**. Mike will not be on the air at night his local time, because it is too dangerous to be out at night. QSL to Mike Reagan, 2650 2nd St., PO Box 743, Baker, OR 97814.

PJ8 - St. Eustatius David Rawley N4XO will be QRV from St. Eustatius, Netherlands Antilles (NA-145) as **PJ8DX** October 12-15. Dave will be operating all bands 160 through 6 meters. QSL to Dave's home call.

ZK1 - South Cook Guenter DF4DI will be QRV from South Cook, beginning November 2 for at least 5 months as **ZK1DI**. During this time he will try to spend one week on Manihiki Island (North Cook). Guenter's QSL manager is DK1RV.

Shortly Noted

3DA - Swaziland Jon 3DA0CA is QRV again using a new FT990 and FL-7000 amplifier. Look for him on 1.826 MHz at 0330 UTC and 3.510 MHz at 0340 UTC.

5R - Malagasy Republic (AF-013) Ray (ex 7P8SR) **5R8FK** and his wife Donie **5R8FJ** are now QRV on 40 meter CW.

5X - Uganda Gus **5X1D** is QRV daily on 50.150 MHz between 1730 and 1800 UTC. QSL via SM0BFJ.

8P - Barbados During CQ WW SSB **8P9Z** will be QRV.

A3 - Tonga Bob W7TSQ will be in Tonga operating as **A35SQ** October 16-28. Bob will be QRV on all bands 80 - 10 meters. QSL only to W7TSQ or via the W7 bureau, not to the A3 bureau. While in Tonga, Bob will be helping Paul A35RK install new antennas.

C9 - Mozambique C91CO will be QRV from 1500 UTC October 23 to 0500 UTC October 28. Primary operation will be on 160 meters, with some 40 and 20 meter SSB activity during CQ WW SSB.

OD - Lebanon Thor TF1MM is active as **OD5/TF1MM** from the UN headquarters in Naqoura, in southern Lebanon, using a 16-element Log Periodic. QSL via 4Z4DX.

VK0 - Macquarie Island (AN-005) Graham VK5WG (ex VK9WG Willis Island) will be taking over from Warren VK0WH on November 15 and be QRV as **VK0WG**.

VQ9 - Chagos Island Phil VQ9WM will be QRV through July 1997. He will be looking for North America on 14.227 around 1715 UTC daily. QSL via K7IOO.

DXCC News

The DXCC Desk announced that the number of unprocessed applications at the end of September 1996 was 929, equaling 55,598 QSLs. They received 1,013 applications (53,385 QSLs) for endorsements and new awards during September. Applications being sent out at the end of September were received about 2 weeks earlier. A few applications received prior to that time were waiting for paper records to be converted, or were being audited, and so had not yet been completed.

QSL Information

- Luis Gomes CT1ESO, PO Box 207, 8900 V.R. St. Ant., Portugal is the QSL manager for the following stations: CO6RJ, CM6LP, CO6AI, CO6DE, CO8AJ, CO6DD, CO4BM, CO3ZD, CO1OTA (DXpedition to NA-093), CO0OTA (DXpedition to NA-204), and CO0OTA (DXpedition to NA-056).
- The new address for the Uganda **5X** bureau is: Uganda Amateur Radio Society (UARS), PO Box 22761, Kampala, Uganda.
- **OA8ADM** is the newly issued call of Larry Hultquist KC7HRT. QSL to Larry's home call QTH of PO Box 467, Pinedale, WY 82941.
- New amateur Jose M. Echandi **YY4GLE** is via YV4AA
- New amateur Jose L. Capobianco **YY4GLD** is via YV4YC.
- **UA0ZDA** QSL direct to Vladimir Pchelin, PO Box 21, Stavropol-City, 355002, Russia.
- **Managers** 3V8BB (OK1TN, 5 MOS), CN2EME (F6BCG, 10 MOS), CO3ZD (CT1ESO 10 WKS), DX9C (DU9RG, 10 MOS), EM1KA (9H3UP, 5 MOS), LU6Z (LU6EF, 9 MOS), TA2ZW (OK1TN 3 MOS), V85AP (HL5AP, 1 MO), VK0WH (VK9NS, 2 WKS), ZD7VJ (G4ZVJ, 6 MOS)
- **Direct** SV2AVP (5 WKS)

Propagation

Forecast and Historical Data

Day Forecast		27 Days Before				55 Days Before			
<u>October</u>		Date	Flux	A	K	Date	Flux	A	K
9	Low Normal	9/12	68	10/10	3	8/15	68	9/7	2
10	High Normal	9/13	68	10/10	3	8/16	68	11/9	3
11	High Normal	9/14	68	9/9	2	8/17	68	11/1	2
12	High Normal	9/15	68	5/5	2	8/18	67	6/5	2
13	Low Normal	9/16	68	5/5	2	8/19	68	5/4	2
14	High Normal	9/17	70	7/7	3	8/20	69	8/7	2
15	High Normal	9/18	72	5/5	2	8/21	70	7/5	2
16	High Normal	9/19	72	5/5	2	8/22	73	3/5	2
17	Low Normal	9/20	72	10/10	3	8/23	74	11/15	2
18	Low Normal	9/21	72	12/12	3	8/24	75	8/8	3
19	Low Normal	9/22	74	12/12	3	8/25	75	11/15	3
20	Low Normal	9/23	74	14/14	3	8/26	74	13/13	3
21	High Normal	9/24	74	15/15	3	8/27	74	11/14	3
22	High Normal	9/25	74	30/30	5	8/28	73	13/14	3
23	Low Normal	9/26	72	25/25	5	8/29	74	27/36	3
24	High Normal	9/27	72	15/15	3	8/30	73	15/14	2
25	High Normal	9/28	72	15/15	3	8/31	76	12/14	2

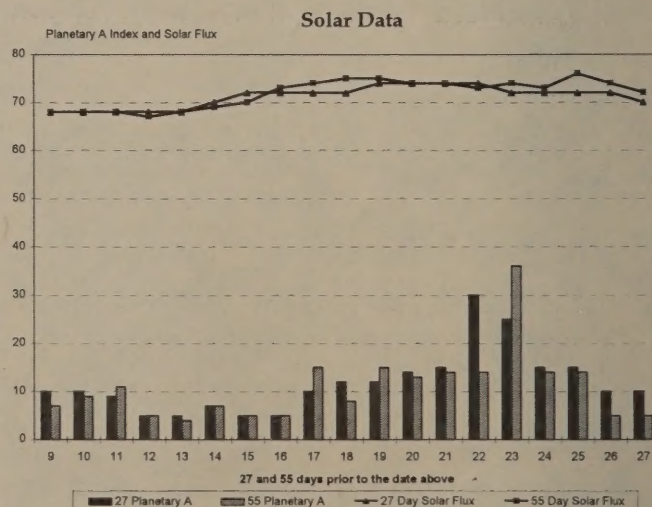
Propagation

HF propagation will remain normal during the next few weeks.

Expect 6-meter openings into the Caribbean mid-month with the upcoming Orionids meteor shower on the 17th. Openings of over 800 miles could be possible during the peak.

Unsettled-to-active conditions are expected October 7-9 and 17-25 due to recurrent coronal hole effects. Minor solar storms are possible during these times as well. Overall, solar activity will remain very low.

This week's effective sunspot number is 13.0. This is up from 10.0 last week.



BANDPASS

Key to BANDPASS: Callsign, frequency, UTC, day of the month, state

after the frequency indicates a Most Wanted Country. * indicates Long Path propagation.

All "portable" calls are listed with the country of operation first, regardless of format used on the air.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
O 6	O 7	O 8	O 9	O 10	O 11	O 12
O 13	O 14	O 15	O 16	O 17	O 18	O 19
O 20	O 21	O 22	O 23	O 24	O 25	O 26
O 27	O 28	O 29	O 30	O 31	N 1	N 2

Digimodes - RTTY

4X6UO	14.085	1340	23	OH
9ABHI	14.084	2012	27	FL
CT3BX	14.081	1940	29	OH
FG5GI	14.085	2233	25	FL
GIØKOW	14.086	2015	27	FL
IT9GUH	14.082	1955	23	OH
KP2CD	14.082	2353	27	FL
TY1RY	14.061#	1930	29	OH
ZP6CC	14.088	2354	27	FL

160 Meters

5X1D	1.829#	2249	23	MA
EA3VY	1.830	0518	27	NY
F51N	1.833	0521	27	NY
UAØZDA	1.835	1303	26	CA
ZD8Z	1.832	0547	29	IL

80 Meters - CW

3DAØCA	3.504	0345	27	IA
3V8BB	3.506	2354	25	FL
9H3WM	3.504	2125	27	NH
CO2VG	3.511	0947	26	NH
EA8BIE	3.506	0046	27	FL
EG5NCS	3.508	0235	28	SC
FM5GS	3.527	0930	27	NH
HKØER	3.505#	0230	28	SC
HK1KYR	3.508	0910	26	NH
J79RC	3.503	1000	26	NH
JA5CPI	3.507	1020	26	NH
LU8HSO	3.507	0945	28	NH
LW2DFM	3.502	0845	28	NH
LXØSAR	3.505	2305	27	FL
LZ1PM	3.510	0320	24	VA
T91EVA	3.516	2230	26	NH
TR8XX	3.504	0540	28	IA
USØSU	3.506	2140	26	NH
VK6HD	3.506	1015	27	NH
X5CL	3.515	2155	26	NH
ZD8Z	3.502	0402	30	VA
ZL2ACW	3.505	1040	25	NH

75 Meters - SSB

3D2RW	3.799#	1154	1	AL
C31SD	3.791	2303	27	AR
FM5BH	3.798	0302	29	IL
FR5DX	3.790	0238	24	AR
J79QA	3.795	0541	22	NV
JF11ST	3.798	0928	29	AR
RØ/US4ER	3.795	1144	27	AR
T41RY	3.794	2359	26	AR
V73O	3.790	1002	22	AR
ZD8Z	3.795	0635	29	IL
ZD9CR	3.797#	2300	25	AR

40 Meters - CW

3D2RW	7.006#	1049	29	VA
3DAØCA	7.006	0355	25	IA
3V8VV	7.005	2343	28	AL
9A2NK	7.010	2154	28	NH
9H3WM	7.002	2342	26	NH
CE3FIP	7.007	2330	27	IA
CM6WD	7.031	0330	25	GA

CO2MA	7.007	2359	26	NH
CT3FT	7.006	0720	29	IL
DK7DH	7.002	2131	27	NH
EA3FHN	7.022	2125	27	NH
EA6/	7.007	2315	26	NH

DJ3NY				
EA8/	7.006	2148	26	FL
DL7AU				

EC5TS	7.022	2143	27	NH
EM1KA	7.002	2358	28	AL
EX8F	7.006	1210	1	AL
FG5ZO	7.005	2223	25	FL
J59ON	7.010#	0553	22	IL
J79BP	7.028	0108	29	NY
KC6YA	7.007#	1425	29	CA
LY3BKX	7.024	2146	27	NH
ON6GP	7.003	2145	28	NH
PH3WM	7.003	0043	26	VA
PJ2MI	7.028	1013	26	VA
PJ8/	7.014	0342	30	VA

WB2GAI				
PR7FB	7.005	2148	28	NH
PY2OC	7.026	0133	29	NY
PZ1DZ	7.005	0429	27	IL
RK2FWA	7.006	2300	27	FL
RK4WWQ	7.004	1228	1	AL
S79WP	7.055	0129	26	AR
SP9AJT	7.006	2349	26	NH
SV1AOZ	7.003	0246	25	MD
TI2RDP	7.025	2341	22	GA
TK5EL	7.002	0045	26	VA
TT8SP	7.001#	2305	25	IA
TY1RY	7.051#	2140	24	AR
UA4WGU	7.007	1221	1	AL
UEØFDX	7.003	1420	26	CA
UU4JS	7.020	2140	27	NH
UX3HX	7.013	0234	25	MD
YA1ZA	7.006#	2149	28	NH
YU7BW	7.009	2135	27	NH
Z71EM	7.057	2316	26	AR
ZD8Z	7.002	0353	30	VA
ZL2BB	7.011	1050	26	MN
ZP2EKS	7.025	0227	29	GA

40 Meters - SSB

C21RK	7.188#	0613	27	IL
TY1RY	7.168#	0220	27	IA
VR6DB	7.188	0615	22	IL

30 Meters

3W5RS	10.104#	1402	23	CA
9H3WD	10.100	2202	26	FL
9M2JJ	10.108	1430	22	CA
J79RC	10.101	0040	27	FL
JH7JVJ	10.101	1150	30	GA
LX2DX	10.103	2205	26	FL
OA4DBO	10.116	0007	25	MD
TA3DD	10.102	2124	29	SC
TR8BAR	10.108	2228	23	VA
VK6XA	10.103	1317	30	VA
VP2EKS	10.111	0158	25	GA
VP9/	10.102	2212	29	NY
K1EFI				

YI9BAG	10.101#	1955	24	SC
ZD8Z	10.115	0455	28	IL
ZS6QU	10.116	2228	28	GA

20 Meters - CW

3V8BB	14.026	1220	30	GA
4U5ØVIC	14.022	1205	24	GA
4X1ARU	14.031	2100	29	SC
4X6AF	14.009	1433	29	IL
5NØMVE	14.016	2024	24	NH
6Y5/	14.027	2027	27	FL
KB5VRF				
8P6ET	14.014	2219	27	FL
9A1AYZ	14.034	1654	29	NY
9A2HF	14.006	1955	28	MI
9A4A	14.005	2000	23	NH
9H3WM	14.004	1844	24	MN
CE2NYC	14.030	2368	26	NH
CM8TW	14.012	2025	24	NH
CT3FT	14.027	1642	29	GA
EA8AMW	14.042	1259	29	GA
EA8BLV	14.044	1741	29	GA
EG2NSS	14.025	2110	29	SC
EI6HV	14.085	1425	26	MN
EM1U	14.003	0014	28	CA
ES7FQ	14.086	1520	26	MN
EU1AZ	14.081	1426	26	MN
F5FYE	14.024	2125	29	NH
FP5EJ	14.005	2042	27	FL
FY5YE	14.025	2149	29	GA
GMØ/N4AR	14.025	1528	29	IL
GT3FLH	14.025	2129	28	NH
GWØFPY	14.012	2111	26	NH
HC5AI	14.007	2245	26	NH
HK5YC	14.016	2125	28	NH
IAØIGV	14.022	2023	27	FL
J79RC	14.002	2013	27	NH
JW1CCA	14.013	1551	29	SC
JY9QJ	14.007	1732	3	OR
LU5CR	14.002	2121	28	NH
OA4O	14.010	2351	26	NH
OH2/K6KM	14.029	1618	29	NY
OM5NJ	14.033	1652	29	NY
PJ8/	14.030	2219	28	GA

WB2GAI				
RU6LWZ	14.084	1427	26	MN
RW9UP	14.023	1410	28	MI
RZ9AWW	14.003	1305	17	MI
S52R	14.020	1445	20	MI
SP9AGY	14.084	1655	25	MN
TA2IO	14.086	1830	26	MN
TI2PNS	14.020	2110	26	NH
TR8BAR	14.012	1950	28	SC
TT8SP	14.015#	2200	25	CA
UA1AD	14.025	1157	30	GA
UX5UO	14.084	1820	26	MN
VU2BK	14.010	1350	27	MI
XQØYAF	14.010	2355	22	MN
YI9BAG	14.017#	1950	24	SC
YK/U2ZFD	14.013#	1833	29	VA
YT1BB	14.002	1838	29	SC
Z31FK	14.004	2115	29	NH
ZD7CTO	14.006	2130	27	CA

ZK1BWQ	14.004#	1633	28	CA
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20 Meters - SSB

1B1AD	14.165	1900	25	AR
3V8BB	14.187	1815	25	AR
5R8EE	14.194#	1915	23	OH
5V7MD	14.153#	2234	29	AR
5X4RL	14.240#	2000	23	IA
7N1ITN	14.205	2309	29	AR
8P6CV	14.260	1311	29	GA
9H5SD	14.285	1736	29	GA
A92FZ	14.209#	2022	30	NH
BA9KB	14.200	1835	24	AR
CU7C	14.260	1917	28	GA
EA1WW	14.181	1414	28	IL
EG1ILO	14.197	1202	22	AR
ES4RO	14.267	1313	29	GA
ET3BT	14.226#	1925	23	OH
FH5CB	14.261	2150	26	IA
HR3RON	14.300	1522	28	GA
KC6JF	14.160#	0313	23	CA
SV2ASP	14.196	1755	28	AR
T3ØEG	14.221	0200	22	AR
TY1RY	14.185#	2340	26	IA
TZ6LL	14.180	1824	26	AR
TZ6VV	14.151	1855	25	AR
V44NK	14.209	2249	29	AR
VP1JM	14.165	1214	1	PA
XX9X	14.188#	2312	27	AR
YN5AV	14.202	2304	29	AR
ZD7CTO	14.211	2119	29	AL
ZS5PT	14.226	1225	1	PA

17 Meters - CW

8R12G	18.070	1641	29	GA
9Q5MRC	18.079	1829	28	SC
EA8AK	18.070	1605	28	SC
GD4VGN	18.075	1349	29	AL
T77C	18.074	1304	29	AL
VP2MH	18.079	1654	29	SC
ZS6QV	18.077	1545	28	SC

17 Meters - SSB

5NØMVE	18.145	1354	29	AL
D44BC	18.157	1715	28	AR
LU2ATR	18.128	2249	29	NY
PA3EVJ	18.144	1524	25	AR
TU2ZR	18.139	2109	29	AL
VP2MR	18.151	2102	27	NY
YV2BYP	18.137	2148	29	NY
ZD8EB	18.165	2150	29	NY

15 Meters - CW

CP4BT	21.014	1800	29	VA
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15 Meters - SSB

IK4GRO	21.285	1738	26	AR
ZB2JO	21.250	1610	26	IA
ZS5PT	21.220	1525	26	IA

10 Meters - SSB

Current and Future DXpeditions

(Changes and hot info in **boldface**.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
American Samoa	KH8	KH8/	Oct 9-11	856
		KH8AL	Oct 22-30	855
Antigua	V2	V26B	Oct 26-27	857
Ascension Island	ZD8	ZD8DEZ	to Dec	835
Barbados	8P9	8P9HT	Nov 19-26	854
Bahamas	C6	C6AHU	Oct 25-27	855
		W7FKF/C6	Oct 22-28	855
Belau	KC6	KC6GG	Oct 12	858
Belize	V31	V31MX	Oct 23-28	858
Bermuda	VP9	YV5DTA/VP9	Oct 6-11	858
Bonaire	PJ9	PJ9T	Oct 19-29	855
Brazil	PY	ZV2EPA	Oct 24-27	854
		PV2V	Nov 16-24	854
		PS2S	Nov 24-Dec 1	854
Cayman Island	ZF	ZF8BS	Through Oct	858
Chagos Island	VQ9	VQ9WM	Through 7/97	859
Denmark (Laesoe Is)	OZ		Oct 6-11	857
Equatorial Guinea	3C	3C1DX	Oct 16-22	854
French Polynesia	FO0	FO0SUC	Oct 9-14	852
			Oct 14-19	852
Grenada	J3	J3/DL7DF	to Oct 13	853
		J3A	Oct 19-31	855
		J3/WJ2O	Nov 20-29	857
Heard Island	(update) VK0		Jan 13-27, 97	859
Jan Mayen	JX	JX7DFA	weekends	849
Jordan	JY	JY8XY	Oct 1-20	856
Lesotho	7P8	/G4FUI	to December	851
Macquarie Is.	VK0	VK0WG	Starting Nov	859
Marion Island	ZS	ZS8IR	14.195 1000z	844
Mongolia	JT	JT1FBT	Through Oct	859
Mozambique	C9	C91CO	Oct 23-28	859
Myanmar	XZ	XZ1N	Nov 16-25	858
Nigeria	5N	5N9N	Oct 22-Nov 3	850
St. Eustatius	PJ8	PJ8DX	Oct 12-15	859
St. Lucia	J6	J6DX	Nov 23-24	859
Sable Island	CY0	WA4DAN	Oct 22-29	834
South Africa	ZS	WJ2O/ZS6	Oct 16-20	857
		WJ2O/ZS6	Oct 29-30	857
		WJ2O/ZS5	Oct 21-23	857
South Cook	ZK1	ZK1DI	Through 3/97	859
Swaziland	3DA	3DA0CA	Now	859
Togo	5V	5V5A	Nov 23-24	858
Tonga	A3	A35SQ	Oct 16-28	859
Tunisia	3V8	3V8BB	Oct 9-13	853
Turks & Caicos	VP5	VP5T	Oct 22-29	854
U.A.E.	A6	A61AD	Nov 3-8	858
Uganda	5X	5X1D	Now	859
Vietnam	XV	XV7SW	from Oct.	856
Wallis & Futuna	FW	FW/DJ2EH	Oct 22-Nov 4	858
Zaire	9Q	9Q5BB	from Sept 9	854

DX Events, Happenings, and Gatherings

Oct 12	Asia - Pacific Sprint (CW)
Oct 12-13	VK/ZL/Oceania DX Contest (CW)

Oct 17	Orionids Meteor Shower Peak
Oct 19-20	Worked All Germany Contest (Mixed)
Oct 20	RSGB 21/28 MHz Contest (CW)
Oct 26-27	CQ WW SSB DX Contest
Nov 2-3	ARRL CW Sweepstakes
Nov 2-3	Ukrainian DX Contest
Nov 8-10	Japan Int'l DX SSB Contest
Nov 9-10	Worked All Europe RTTY Contest
Nov 16-17	ARRL SSB Sweepstakes
Nov 17	Leonids Meteor Shower Peak
Nov 23-24	CQ WW CW DX Contest
Dec 21-22	Croatian CW Contest
Jan 25-26	CQ WW CW 160M Contest
Feb 15-16	ARRL CW DX Contest
Feb 22-23	CQ WW SSB 160 Meter Contest
Mar 1-2	ARRL SSB DX Contest

The DX Bulletin

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Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Cuba (RTTY)	CO3ZD	14.080	2000-2300
Rotuma Island	3D2RW	3.795	1150
Afghanistan	YA1ZA	7.006	2150

Contributors

This issue was made possible by: AA6KX, AB8K, AC5K, CT1ESO, DL5IAR, K4BAI, K4II, K4IQJ, K4UEE, K5FUV-DXCC, K5OVC, K6IR, K6LEB, K7ABV, K8JLF, KB4VHW, KB8I, KF7AY, KG4O, KM9J, KS0M, NOAA, N2GLH, N4XO, N6YEU, NJ1Q, NK7U, PT2BW, W1BFT, W1FV, W1NH, W1WA, W4VQ, W6AJJ, W6WBY/7, W7AAY, W7CNL, W7NI, W7TSQ, W8CT, W9HAO, W9RXJ, W9TKV, W0RXL, WA6TKT, WB2CHO, WB3ECU, WC7N, WO6R, WU6T, YV5DTA, DXNS, and 59(9). Thank you for your help.